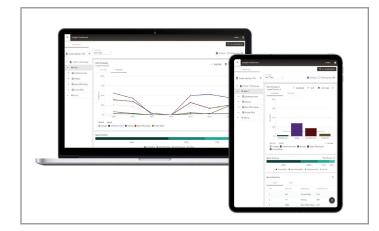
Project	Catalog #	Туре	
Prepared by	Notes	Date	



Trellix

Trellix 9.0 - Insights **Occupancy Dashboard**

Monitor space usage to increase workplace effectiveness

Typical Applications Office • Education



Interactive Menu

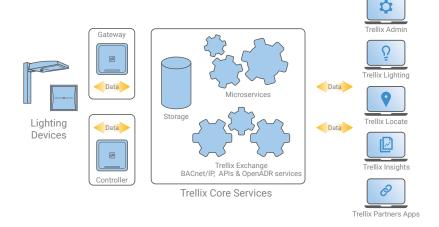
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Product Features



Top Product Features

- Ready-to-use dashboards and reports Provides an enterprise-wide view of the building spaces occupancy patterns and trends
- Floorplan visualization Along with enterprise hierarchy, charts, and other representation to quickly view average area occupancy, compare occupancy trends and real-time occupancy at site, building and floor level
- Real-time occupancy status The solution offers a color-coded floor plan that provides an intuitive understanding of what spaces are occupied or vacant in real-time
- Responsive Design Desktop, Mobile and Kiosk compatible and intuitive chart views bar/line chart
- Identify your most and least used spaces View area occupancy across your real-estate portfolio from most used (>70%) to least used (< 30%) by Department, Space Type, Building and Floor
- WaveLinx Pro compatible This application leverages the data gathered by WaveLinx Pro lighting system





Order Information

Catalog Number

Catalog Number	Description
TRX-INSOCC	Occupancy Dashboard License for Trellix Core (Pro/Enterprise/Virtual) - unlimited nodes per site

- The Trellix Core (Pro, Enterprise, Virtual) platforms are shipped with a Base software license which enables all features and applications (Lighting, BACnet, API) with exception of OpenADR and Trellix Insights
- The Trellix Insights Occupancy Dashboard license includes all the features offered as part of the Occupancy dashboard For a system with more than 250 nodes, the customer should purchase Trellix Lighting license adders
- The configuration required for Trellix Insights Application is done by the Trellix Lighting application that allows users to easily create their floorplans. If users want Cooper Lighting Solutions specialists to create the floorplans, they will need to purchase the associated floorplan creation services (CAT#: TRX-CONFIG).

Pre-Requisite

- Trellix Insights Application option is ONLY available for WaveLinx Pro Wireless System and Trellix Core platforms.
- Trellix Core requires appropriate software licenses for the lighting application and commissioning

Product Specifications

Key Features

- Key Performance Indicator View key occupancy metrics by site, building, floor, room level, and departments. Key performance indicators are:
 - Average occupancy % over the selected time range vs previous occupancy % over the same time range
 - · Number of empty spaces vs total spaces
 - · Number of buildings, floors, and total sqft
 - · Number of sensors
 - Most occupied building space
- Occupancy trends and comparison View historical occupancy patterns and compare by building, floors, and space type
- Average occupancy Average occupancy % is calculated and shown in graphs trends and tabular view for each space for the selected enterprise, building, floor, area category and room level
- Occupancy on floor plan Quickly view color-coded occupancy information on the floor plan view in real-time and historical time period.
- Time Range A default set of time ranges, such as last 24 hours or last 7 days or last 30 days or last 3/6/13 months or you can choose a custom time range
- Full day or working hours The graph and tabular view can display data for the full 24-hours of each day or only the configured working hours (e.g., 8:30 - 4:30). This is configured in Trellix Admin application (under orgs)
- · Generate and Export Reports to pdf The occupancy data reports can be generated and exported to a pdf file
- Hierarchical Navigation Quickly navigate from enterprise level to site, area, and room level to monitor key occupancy metrics. The hierarchy is configured by WaveLinx Pro system and Trellix Lighting application

- · Quick search Quick Search capability to navigate quickly to a specific area
- Department filter Quickly filter key occupancy metrics by department as configured in Trellix Lighting Application
- Historical view Historical view of occupancy metrics up to 13 months **Popular spaces** – View most and least popular space by occupancy at enterprise, building, floor, and space type
- Space summary View space summary by space type at building and floor level

oftware Specifications

Supported HTML 5/Javascript compatible browser:

- Microsoft Edge 80+
- Google® Chrome 75+
- Safari 11+

Supported Screen Resolution: 1024 x 768 or higher

Compatibility

Please refer to the WaveLinx Pro System Release Notes for firmware compatibility matrix

Warranty

· Consult website for warranty information



Trellix Insights Application Overview

Trellix Insights is a Space Analytics software application that allows users to monitor, compare and analyze their space usage to increase workplace effectiveness. The Trellix Insights Application can lead to as much as a 30% improvement in space usage and a 15% increase in employee productivity.

These dashboards are available on-premises and provide real-time monitoring and processing capability to gain faster insights of your building's operations and business processes to drive efficiencies and effective decision making.

Trellix Insights application leverages the Trellix on-premises platform capability to collect and analyze data from WaveLinx Pro digital sensors, standalone ceiling sensors or sensors embedded in connected LED lighting to provide meaningful insights to users.

Trellix IoT enterprise platform simplifies day-to-day operations as well as integrations with the other sub-systems operating in a building. Once the Trellix Core is connected to the WaveLinx Area Controller (WAC), Trellix platform assumes the roles of the system's supervisory manager, historian, gateway and security.

Key Benefits

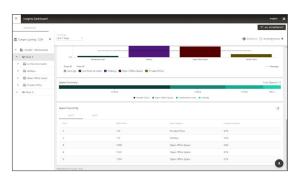
Trellix Insights leverages Trellix Core, WaveLinx Pro platform DNA, and Advanced sensory network to provide occupancy utilization metrics for real-estate. Real-estate managers, corporate employers, facility managers, Cooper Lighting partners, and others can benefit in the following ways:

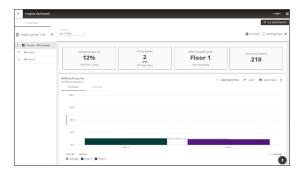
- Monitor key performance indicators about their real-time space utilization and occupancy trends that helps to identify space that can be repurposed to reduce cost
- View site, building and floor level occupancy information that helps to implement operating strategies that focus on safety, health, and wellness of building occupants.
- View aggregated occupancy metrics for the floors in the buildings
- Analyze ranking of workspace by popularity, from most popular to least popular space
- Use occupancy data, graphs and charts to improve occupant comfort and well-being
- Monitor and use space utilization insights to help manage lighting schedule as well as issuing control commands such as room's lighting level
- Optimize energy and air quality by cooling, heating, and increasing air circulation based on the occupancy of the space.
- Optimize facility services and maintenance based on space utilization
- REST APIs available to provide integrated end-end solutions with Building Control System, Energy Management System, Integrated Workplace Management System, A/V System and Shade Control System
- Oiscoll Or Real-time and historical tracking of occupancy data across single and/or multi-site













WaveLinx Pro Network

and IT Guidance

Technical Guide

Sample System Topology:

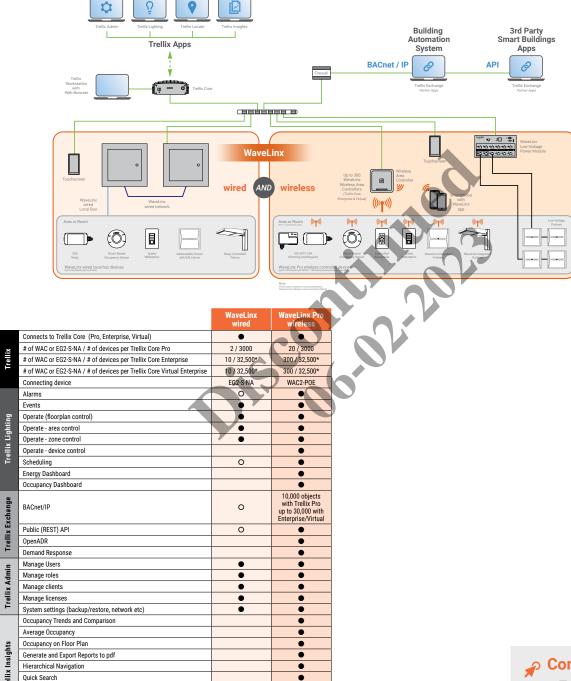
This diagram shows the main components of the WaveLinx wired and Pro wireless connected lighting system.

The **WaveLinx Pro wireless system** communicates using wireless mesh technology based on the IEEE 802.15.4 standard. A PoE LAN connection for each WaveLinx Area Controller (WAC) is required for power and data access to the building lighting network.

The **WaveLinx wired system** controls the devices using relay, 0-10V, DMX and the WaveLinx wired digital local bus. The WaveLinx wired system connects to the building LAN using the EG2 module. Each WaveLinx wired area controller communicates on the WaveLinx wired network.

WaveLinx Pro Wireless Area Controllers (WAC) and WaveLinx Ethernet Gateways (EG2) communicate with Trellix over the Ethernet network.

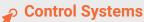
Please refer to the WaveLinx Pro Wireless Network and IT Guidance Technical Guide and WaveLinx Wired Network and IT Guidance Technical Guide for more information.





Department Filter Historical View

Popular Spaces



- Trellix
- · WaveLinx Pro wireless
- WaveLinx wired
- VividTune



subject to change without notice.